



SM800C SUCTION CABINET

OPERATING INSTRUCTIONS
& SERVICE MANUAL



Important Safety Instructions

Read all warnings and instructions in this manual.
Do not proceed until you fully understand its contents.
These **WARNINGS** are included for the health and safety of the operator and those in the immediate vicinity.
Save these instructions.

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INTRODUCTION

This cabinet is designed for budget purposes (cheaper) i.e. hobby or part time use. There is no dust extractor but is fitted with a

filter bag at the back to trap the dust. The blasting gun is of the trigger gun type and is fitted with a tungsten carbide nozzle.

Light is provided by an energy saving light which prevents build up of heat.

TYPICAL APPLICATION

- Ø Cleaning small components
- Ø Decorative blasting – glass, bottles or small items etc.

SPARES FOR SM 550 / SM 800C

- RUBBER GLOVES
- FOAM RUBBER
- DOOR HANDLES
- HINGES
- AIR HOSE
- DUST BAG
- TRIGGER GUN NOZZLE
- TRIGGER GUN COMPLETE
- ½ M/F ELBOW
- ½ SWAGE NIPPLE WITH BREATHING HOLE
- G8 CLAMPS
- SAFETY GLASS 620 X 270

TROUBLESHOOT

PROBLEM	REASON	SOLUTION
1 No grit at gun	<p>a) No grit</p> <p>b) Item blocking hopper</p> <ul style="list-style-type: none"> - Caused by moisture - Large particles blocking hopper <p>c) Item blocked in gun</p> <p>d) Item lodged in bottom part of cabinet</p>	<p>Fill up hopper (grit)</p> <p>Place finger at nozzle, this will send</p> <p>Remove grub screw and clear obstacle in nozzle</p> <p>Undo elbow, drain cabinet and sieve grit. Thereafter put back to together.</p>
2 Slow Production	<p>a) Breathing hole under cabinet blocked</p> <p>b) Airjet or nozzle worn out or closed off</p> <p>c) Air supply hose has been restricted to less than $\frac{1}{2}$ inch</p>	<p>Undo blockage</p> <p>Once a week – turn nozzle and airjet 90° for longer performance</p> <p>Provide $\frac{1}{2}$ inch air</p>
3 Misting up of glass caused by angle of blasting	<p>a) Blasting too close to the glass or blasting</p>	<p>Blast away from glass to avoid glass fro misting up</p>
4 Too much dust	<p>a) Dust bag full. Please note : The finer the grit the quicker it turns to dust</p> <p>b) Dust emerging from side and back of cabinet</p>	<p>Take dust bag off and clean. Bag can be washed.</p> <p>Foam rubber worn or warped door.</p>

Glassbeads should bee blasted at 2-4BAR and not at 6-7BAR to lessen the consumption of glassbeads

Storm Machinery Standard Warranty

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This warranty is conditioned upon the prepaid return of the equipment claimed to be defective to an authorized Storm Machinery distributor for verification of the claimed defect. If the claimed defect is verified, Storm Machinery will repair or replace free of charge any defective parts. The equipment will be returned to the original purchaser transportation prepaid. If inspection of the equipment does not disclose any defect in material or workmanship, repairs will be made at a reasonable charge, which charges may include the costs of parts, labour, and transportation.

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TO PLACE AN ORDER, please contact your nearest Storm Machinery distributor.

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